

ORIGINAL

UNITED STATES DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

S  
PLANS-Klamath  
Timber Management  
Yreka Working Circle

Klamath River, California  
March 16, 1953

STREAMLINE MANAGEMENT PLAN

YREKA WORKING CIRCLE



TRANSFERRED

JOHN S. HALL  
DISTRICT RANGER

S  
PLANS - Klamath  
Timber Management  
Yreka Working Circle

Klamath River, California

March 16, 1953

STREAMLINE MANAGEMENT PLAN  
YREKA WORKING CIRCLE

Submitted:

By

Approved:

John S. Hall  
District Ranger

March 23 1953

RW Brown  
Forest Supervisor

APR 10 1953

1953

Payne  
ACTING Regional Forester

1cc:Chief 4-10-53  
2cc:Klamath 4-10-53

## G O N T E N T S

1. Resource Data
2. Transportation Situation
3. Silvicultural System
4. Annual Cut
5. Sales Policy
6. Cutting Budget
7. Appendix
  - (a). Growth Calculation
  - (b). Areas By Age Class And Ownerships
  - (c). Maps
    - (1). Type
    - (2). Ownership
    - (3). Cutting Budget And Transportation

1. Resource Data:

Land Ownership, Area, Volume

Ownership	Gross Area M Acres	Productive Timber Area M Acres	Merchantable Volume MMBM
National Forest	105.8	43.0	942
O&C Administration			
All In Oregon	8.0	6.0	81
Private	90.5	43.1	967
Total	205.3	92.1	1990

Area Cutover

Period	National Forest	Area in Acres O&C	Private	Total
1948-52	4,290	0	11,660	15,950
1943-48	870	0	1,840	2,710
Prior to 1943	4,220	1,800	33,700	39,720
Total	9,380	1,800	47,200*	58,380

\* 90% cutover by Fruit Growers Supply Co.

Management is on the basis of Forest Service lands. The land ownership pattern is made up of intermixed government and private. See ownership map in the appendix. Large private owners in order of area and volume of holdings are:

Owners	% of Total Private Area
Fruit Growers Supply Co. of Hilt, Calif.	43
Southern Pacific Railroad	26
J. F. Sharp Lumber Co. of Yreka, Calif.	2
Minor owners ( Mostly non-timbered )	29

Coordination in harvesting will be arranged with O&C, but has not yet been achieved with the Fruit Growers Supply Co. and the Southern Pacific. Most of the J. F. Sharp Lumber Co. volume is in the Humbug precutting exchange.

2.

Transportation Situation:

The principal points of manufacture are Hilt and Yreka. With U.S. 99 Highway, which borders the east side of the working circle, there are four main routes for the timber, namely:

- (1.) Greenhorn County Road - adequate for volume involved, serving Timber Management Unit 11.
- (2.) Humbug Access Road, FS4501 - adequate, serving unit 10.
- (3.) Klamath River Highway, FH 2, State Route 96 - needs much improvement - State responsibility. Serving Units 2, 3, 4, 8B, and 9.
- (4.) Beaver Creek - Hungary - W. Fork Cottonwood, FS 4707 & 4801 - 1/3 adequate, Improvement should be joint responsibility of Fruit Growers Supply Co. and the U. S. Forest Service. Logs can be hauled either down Beaver Creek to the Klamath River or up Beaver Creek to Hilt. Serving Units 1, 2, 3, & 4.

The remainder of the roads on the transportation system map should be brought to economical log hauling standards by timber operators, under the supervision of a Forest Service Engineer, during the course of sales. Temporary spur roads should be constructed by operators in locations approved by the Forest Service. The Highway bridges at Walker and Gottville are inadequate, and must be improved to economically operate Units 8B & 9.

3. Silvicultural System:

Cutting will be on a selective basis designed to decrease losses by removal of poor risk trees and to improve growing conditions in the stand. It is estimated that marking on the above basis will result in the removal of approximately 40% of the volume during the first cutting cycle. See R-5 Timber Management Handbook for marking instructions.

Instances may arise where the cost of operation are ~~much~~ that some stands are not economically operable on the above basis. These stands should ordinarily be deferred until later in the cutting cycle when they will be operable, but when silvicultural or economic conditions are such that these stands must be logged, ~~the~~ least thrifty of the overmature trees may be marked if this will make the stand operable.

The Beaver Creek Blister Rust Control Unit, consisting of 5,800 acres cut over, 3,500 acres virgin, is located in upper Beaver Creek on Management Units 1, 2, & 3. Management will favor Sugar Pine by release cutting during harvesting and stand improvement. Re-eradication will be timed to follow cutting.

4. Annual Cut: -  $11\frac{1}{2}$  MM ft B.M. - 1 st cycle, 32 years.

To place the overmature stands in a growing condition and utilize the high risk trees, the allowable cut for the first cutting cycle is established on the bases of  $1\frac{1}{2}$  times the growth expected on the reserve stand after logging. Net annual growth for the working circle is established at 7,770 M ft. based on the permanent plot growth factors obtained during the Beaver Creek B.R.C. study of 1949-50, see appendix for calculations. On this basis the allowable annual cut would be  $11\frac{1}{2}$  MM feet. In order to coordinate harvesting with private land cutting and to permit the most efficient development of a transportation system for the intermingled ownerships, the allowable cut for the National Forest timber is estimated on a periodic basis. Not more than  $34\frac{1}{2}$  million feet of National Forest timber will be cut during any three year period, during the first cutting cycle.

The allowable cut during the second cutting cycle will not exceed current net growth. On the basis of an average allowable cut of  $11\frac{1}{2}$  MM per year and an estimated cut of 371 MM feet total for the first cutting cycle, it will take 32 years to complete the cycle. In addition to the area proposed to be harvested under the plan, there are 4,290 acres of government land cut over between 1920 and 1944 upon which the growth can be calculated for the second cutting cycle.

5. Sales Policy:

Timber cutting and recreation: Cutting if any on roadside strips along the following roads will be regulated so as to preserve recreational values:

- a. Beaver Creek to Grouse Creek and West Beaver to Cinnabar 300 foot strip, on either side of centerline.
- b. Humbug Creek - 200 foot scenic strip.
- c. Dry Lake Road, Siskiyou Summit road and Cinnabar to Beargrounds 100 foot strip.

Timber will be appraised to the nearest band mill, railhead combination, but logs may be processed anywhere. Sales will be of sufficient size for a one or two year cut by an existing mill. Bidding will be in accord with Regional Policy NFM-B-204.11, B-5 Supplement. On this basis sealed bids will be required on sales in this working circle.

The allowable cut will ordinarily be offered on a basis that will permit the best development of access to the intermingled ownership and encourage a uniform annual cut from the combined ownerships. Areas with the greatest proportion of poor risk trees should be cut early in the cutting cycle. Fir stands will be offered at times when the market permits their operations. Slash will be disposed of in accordance with Regional Policy NF Title 7 102.13 Regional Foresters instructions and slash disposal plans adapted to the conditions of each sale area.

Erosion control measures will be undertaken in accordance with policy established in NF Title 7, 212.53.

In readily accessible places, Incense Cedar will be reserved from timber sales, for later fence post sales to local ranchers.

Klamath Forest  
Yreka W.C.  
Yreka R.D.

CUTTING BUDGET AND SALES PROGRAM  
(To Be Revised Annually By February 15)  
Fiscal Year 19 59 Through 19 64

Sheet 1 of 2 Sheets

Sale Designation or Proposed Sale	Date To Be Ad- vertised	Volume & Area		Fiscal Year Estimated Cut By Year (MM)					Access Road Construction Required						
		MM	Acres	1959	1960	1961	1962	1963	Forest Service	No.	Miles	Cost	Road No.	Miles	
<u>UNDER CONTRACT:</u>															
West Fork #1		.2	35	.2											
<u>PROPOSED SALES:</u>															
2nd Half FY 1959															
Doggett Creek	3/15/59	7.5	1600	2.0	5.5								47N58C	1.0	
													47N58B	0.7	
													46N47	0.8	
Dona Creek	6/15/59	2.0	400		2.0								46N51	4.1	
													46N51B	1.0	
1st Half FY 1960															
Cow Creek #1	10/15/59	11.0	700		5.0	6.0							41S15	2.7	
													40S17	0.6	
2nd Half FY 1960															
Woodchopper	4/1/60	1.0	500		1.0								47N29	5.5	
													47N28	1.7	
FY 1961															
Cow Creek #2	5/1/61	11.0	700		5.0	6.0							41S15	1.0	
													41S15B	2.0	
Clear Creek #3	6/1/61	1.0	500				1.0						46N18	2.6	
													46N29	5.5	
													46N22	2.0	
													41S15	1.0	
													41S15B	2.0	
Totals -Sub	-	33.7	4435	2.2	13.5	11.0	7.0	-	-	-				34.2	-

Instructions: Include all sales under contract and sales proposed for advertising during budget period. Show sale volume to nearest tenth of MM feet and area of sale in acres for proposed sales, and uncut volume and area for existing sales. Show miles of required "on-system" road construction and estimated cost by project and sale. Indicate all sales not chargeable to allowaole annual cut by footnote, as 1/  
Salvage, or 2/Thinnings in immature stands.

2-54-R5-1149 1958

## CUTTING BUDGET AND SALES PROGRAM

(To Be Revised Annually By February 15)

Fiscal Year 19 59 Through 1964

Klamath

Forest

Yreka W.C.

Yreka R.D.

Sheet 2 of 2 sheets

Sale Designation or Proposed Sale	Date To Be Ad- vertised	Volume & Area		Fiscal Year Estimated Cut By Year (MM)					Access Road Construction Required						
		MM	Acres	1959	1960	1961	1962	1963	Forest Service	No.	Miles	Cost	Purchaser	Standard Cost	
<b>FY 1962</b>															
Cow Creek #3	Spring	10.0	600				4.0	6.0					41S12	1.6	
North Hungry #1	Spring	2.0	1000				2.0						41S17	2.0	
<b>F.Y. 1963</b>															
Cow Creek #4	Spring	10.0	700				4.0	6.0					41S04.2	1.6	
North Hungry #2	Spring	2.0	500				2.0						41S12	1.6	
<b>F.Y. 1964</b>															
Cow Creek #5	Spring	10.0	1000					4.0					40S17	1.3	
Doe Peak	Spring	2.0	1200					2.0					40S01A	1.5	
<b>Totals- Grand</b>		69.7	9435	2.2	13.5	11.0	13.0	12.0	12.0				-	58.7	-

Instructions: Include all sales under contract and sales proposed for advertising during budget period. Show sale volume to nearest tenth of MM feet and area of sale in acres for proposed sales, and uncut volume and area for existing sales. Show miles of required "on-system" road construction and estimated cost by project and sale. Indicate all sales not chargeable to allowable annual cut by footnote, as 1/ Salvage, or 2/Thinnings in immature stands.

254-R5-MAY 1958

Management Plan 3/16/53

Xtra copy kept by Frank Tucker for R.O.

9-3-56, I

YREKA

Working Circle

Klamath

National Forest

1960

Five-year Cutting Budget and Sale Program C.Y. 1955-1956-1957-1958-1959/Inclusive.  
(Show all sales under contract and sales proposed for advertising by year.)

Name of Sale or Proposed Sale & Date of Advertisement	Total	Estimated Cut for Each C.Y.:					Access Road Construction (on System & M-4 Roads)						
	Volume	1955-1956-1957-1958-1959	in	Year	MBM	Acres	Road	By Forest Service	Each Year	By Operator	Road	Miles	Cost
						Number	Miles	Cost	Number	Miles	Cost		
X Haystack Burn Salvage	150,000	56/57	150,000	25,000						4606A	1	5,000	
										4501	5.4	50,000	
										4707	5.6	150,000	
										4608	3.7	21,600	
										4610	4.0	32,500	
I insect loss around Leave Creek - craggy	7,000	1958	7,000	300									
Wood chopper	2,000	1958	1,000	340									
		1959	1,000	300									
WEST Fork	13,000	1959	7,000	800						4806	7.4	63,900	
		1960	6,000	700									
4 corners	2,000	1960	2,000	400									

Approved \_\_\_\_\_

Revised: \_\_\_\_\_

(Date)

By: \_\_\_\_\_

254-R5 Revised 12-27-54

Supersedes Revision 12-22-53

SEP 3

1956

X Will ~~definitely~~ sell in 1956

Five-year Cutting Budget and Sale Program C.Y. 1955-1956-1957-1958-1959 Inclusive.  
 (Show all sales under contract and sales proposed for advertising by year.)

Name of Sale or Proposed Sale & Date of Advertisement	Total	Estimated Cut for Each C.Y.:			Access Road Construction (on System & M-4 Roads)					
	Volume	1955-1956-1957-1958-1959			By Forest Service			Each Year		
	in in Sale MBM	Year	MBM	Acres	Road Number	Miles	Cost	Road Number	Miles	Cost
Middle Fork, Humbug	8,000	55	3,000	400				4502A	2	\$7,000
Middle Fork, Humbug		56	5,000	900				-	-	
Doggett Creek	1,000	55	1,000	640				4614	3.5	\$33,000
Wood Chopper	2,000	55	2,000	640				-	-	
Sterling Mt.	3,000	55	3,000	600				4909	1	\$3,500
West Fork Beaver	13,000	56-58	6,000	700				4707	5.6	\$150,000
		57	6,000	700				&		
		58	1,000	100				4806	7.4	\$40,000
Clear Creek-Craggy	12,000	57	6,000	480				-	-	
		58	6,000	600				4606A	6	\$30,000
Dutch Creek	18,000	58	6,000	250				4708	3	\$15,000
		59	6,000	250						
		60	6,000	300						
Rider Gulch	5,000	59	5,000	700				4501	6.4	\$35,000

Approved \_\_\_\_\_

Revised: \_\_\_\_\_

(Date)

254-R5 Revised 12-27-54  
Supersedes Revision 12-22-53

By: \_\_\_\_\_

6. Cutting Budget:

KEY	Area - Year:Location	Area	Roads -		Main	Access		
			Acres	FS	Oper:	#	Mileage	
& Vol.-MM :	:	:	:	:	:	:	:	:
:	:	:	:	:	:	:	:	:
A-53-54-12 :	Humbug - Sucker Cr, Middle;	1200	:	X	:	4501:	:	13
B-55-56-12 :	& South Fork.	1200	:	X	:	4501:	:	13
C-57- 6 :	Humbug & Rider Gl.	800	:	X	:	4501:	:	13
:	:	:	:	:	:	:	:	:
COOPERATION WITH F.G.S. CO. ON R/W NOT COMPLETE:						:	:	:
:	:	:	:	:	:	:	:	:
D-52- 3½ :	Deer Camp-Dry Lake	600	:	X	:	4709:	:	12
E-53 3½ :	Round Mtn-Doggett Cr.	500	:	X	:	4707:	:	½
L-53 2 :	Hornbrook Area	160	:	X	:	---	:	---
F-54 5½ Below Deer Camp (Dry Lake)		520	:	X	:	4709:	:	12
H-55 4 :	W. Fork Beaver Cr.	640	:	X	:	4801:	2(a)	6
:	:	:	:	:	:	4707:	:	:
Ø-55 2 :	Mouth Of Hungry Cr.	400	:	X	:	4707:	:	11
:	:	:	:	:	:	4801:	:	:
J-56 5 :	W. Fork Beaver Cr.	480	:	X	:	4707:	2(a)	8
:	:	:	:	:	:	4806:	:	:
K 57 4 :	W. Fork Beaver Cr.	200	:	X	:	4707:	:	:
:	:	:	:	:	:	4806:	2(a)	11
P 57 1 :	Four Corners	160	:	X	:	04901:	:	:
:	:	:	:	:	:	4803:	:	15
Q 57 1 :	Hungary Cr. Lookout	160	:	X	:	4804:	:	:
:	:	:	:	:	:	4801:	:	:
ALTERNATE AREAS WHEN COOPERATION OBTAINED ON R/W FROM FRUIT GROWERS SUPPLY CO,								
D 52 3½ :	Deer Camp - Dry Lake	600	:	X	:	4709:	:	12
*E 53 3½ :	Round Mt.-Doggett Cr.	500	:	X	:	4707:	:	½
L 53 2 :	Hornbrook	160	:	X	:	---	:	:
F 54 5½ :	Below Deer Camp (Dry Lake)	520	:	X	:	4707:	:	12
*G 55 5 :	Lumgrey	640	:	X	:	4804:	:	3
**N 56-57 12 :	Dutch Cr. (Beaver Cr.)	640	:	X	:	4801:	5(b)	18
**M 58 4 :	Dutch Cr. (Beaver Cr.)	320	:	X	:	4801:	:	:

\* Interchangable - or E entirely eliminated

\*\* Only if requested by Fruit Growers Supply Co.

(a) Mouth of Beaver to W. Fork Beaver to CC standard on 4707.

(b) Mouth of W. Fork to mouth of Hungrey Creek DD standard on 4801.

## APPENDIX

### Calculation of Growth

Growth of density 4 - Disconnected 100% because of poor site and doubtful accessibility.

<u>Age-Density Factors</u>	<u>Acres N.F.</u>	<u>BRC Plot Study Growth Per Acre</u>
OY	--	--
0-2	--	--
0-3	41	130
0-4	--	--
OY-1	4364	263
OY-2	3913	235
OY-3	8277	143
OY-4	3090	Nil
Y0-1	1601	240 (Est.)
Y0-2	6093	161
Y0-3	12693	140
Y0-4	8533	Nil
Y-1	287	603*
Y-2	41	411*
Y-3	779	211*
Y-4	2422	Nil*
Y-5	--	Nil

Total for merchantable area covered by age-density-type map- 6,753 M  
Ratio of total volume - - - - - 1.15065

### Total Annual Net Growth

Allowable 1st cycle cut -  $1\frac{1}{2}$  X growth

7,770 M

11.65 M

Rounded to  $11\frac{1}{2}$  MM

\* Estimated growth based on Beaver Creek BRO Factor/Forest Survey Factor

= 84.4%

Forest Survey Factor X 84.4% = growth per acre used.

APPENDIX (ConT.)

Area By Age Class and Ownership - California only  
No Classification for Oregon

<u>Age Class</u>	<u>National Forest</u>	<u>Private</u>	<u>Total</u>
<u>Merchantable Density 1, 2, &amp; 3</u>	34,560	34,306	68,866
<u>Doubtful Merch. Density 4</u>	14,045	15,401	29,446
<u>Young Growth Y</u>	3,529	5,718	9,247
<u>Deforested Y5, 5</u>	11,417	11,518	22,935
<u>Non-timber N, N-N/</u>	25,956	17,341	43,297
<u>Total Area</u>	89,507	84,284	173,791
Total Area - Oregon & unclassified California - O&C included with private.	16,300	15,200	31,500
<u>Grand Total</u>	105,807	99,484	205,291

S-IMPROVEMENTS, Timber Access Roads

E-ROADS & TRAILS, Programs (Timber Access Roads)



TIMBER MANAGEMENT ACCESS ROAD REPORT

Yreka

Working Circle

Region 5

State of California

Klamath National Forest

1. Forest Development Road System

- a. Timber access roads
- b. General-purpose roads serving timber.

Existing

Satisfactory: Unsat: Ultimate System  
132.7 Miles: 60.8 Miles 221.5 Miles  
- Miles: - Miles: - Miles

2. Timber Production

- a. Sustained yield cutting capacity - next 10-year period
- b. Current rate of cutting, N. F. timber
- c. Current rate of cutting, Other timber
- d. Effect upon current rate of cutting N.F. timber if public access road construction funds are completely discontinued.

10 MMBF Annually  
10 MMBF Annually  
20 MMBF Annually  
- MMBF Annually

3. Access Road Construction and Reconstruction Requirements

- a. To maintain current rate of N.F. cutting

Average Annual Requirements		
	Miles	\$
F. S. Construction	-	11,200
Other Public Construction	-	-
F. S. Operator Construction	2.9	57,900
Other Private Construction	.7	6,100

- b. To increase rate of N. F. cutting to sustained yield capacity

Total Requirements		
	Miles	\$
F. S. Construction	:	:
Other Public Construction	:	:
F. S. Operator Construction	None	:
Other Private Construction	:	:

- c. To maintain increased rate of N. F. cutting at sustained yield level

Average Annual Requirements		
	Miles	\$
F. S. Construction	-	* 7,400
Other Public Construction	.3	3,500
F. S. Operator Construction	2.5	16,860
Other Private Construction	1.0	5,500

\*F.S. Engineering & Drainage

## Exhibit #1

RECORD OF CUT - SAWTIMBER  
(Separate sheet for each unit.)Forest Klamath  
Working Circle All  
Compartment \_\_\_\_\_

YEAR	Volumes in M. feet board measure							ACRES							
	Ponderosa	and/or	Douglas	White Fir	Jeffrey	Fir	and/or	Sugar	Lodgepole	Incense	or	Miscel-	lanous	TOTALS	
1955	Pine	:	:	:	Pine	:	:	Red Fir	Pine	Pine	:	Cedar	Other	:	:
Yreka	1,287	2,466	755	1,093					30				5,631	650	
Horse Creek	692	695	588	212					7				2,194	160	
Seiad	2,344	10,337	324	1,531					69				14,605	290	
Happy Camp	1,029	43,558	705	5,543					358	466			51,659	4,020	
Somes Bar	34	8,083	261	678									9,056	660	
Salmon River	2,250	1,848	123	4,901					18				9,140	810	
South Scott	6,084	597	360	861					187				8,089	1,060	
North Scott	305	12	0	8					14				339	120	
Total	14,025	67,596	3,116	14,827					683	466			100,713	8,470	

RO-122-R5  
(2/1/52)

Forest Klamath  
Working Circle All  
Compartment

**Exhibit #3**

RECORD OF UNREGULATED TIMBER AND FOREST PRODUCTS CUT

YEAR	Miscellaneous Convertible Products - Volumes in Feet B.M.						Non-convertible Products				
	Pulpwood	or	Poles	Posts	Fuelwood	Ties	Misc.	or	TOTAL MBM	Christmas Trees	Miscellaneous
1955	Similar				Cordwood			Other		No. Trees	
Treka									9		662
Horse Creek										None	
Seiad										None	177
Happy Camp						10			10		100
Somes Bar										None	20# Ferns
Salmon River										None	
South Scott					3				3		1160
North Scott			1		11	2			14		
Total			1		23	12			36		2099
										20# Ferns	

## Exhibit #1

RECORD OF CUT - SAWTIMBER  
(Separate sheet for each unit.)

1954

Forest	Elamath
Working Circle	ALL
Compartment	

Volumes in M feet board measure									ACRES
XXXXX	Ponderosa	Douglas	White Fir	Sugar	Lodgepole	Incense	lanecous	TOTALS	
Working Circle	and/or	Jeffrey	Fir	and/or	Pine	Pine	Cedar	or	
	Pine			Red Fir				Other	
Heavy Camp	2,599	48,380	528	8,266	-	450	368	60,592	4,886
Horse Creek	126	135	5	35	-	-	-	300	40
South Scott	141	58	69	24	2	18	-	313	20
North Scott	110	110	2	12	-	5	-	267	40
Yreka	4,759	4,258	4,686	1,732	-	140	-	15,575	2,240
Seiad	505	5,609	40	480	-	-	-	6,634	516
Salmon River	2,268	4,630	1,206	1,418	-	45	-	9,566	890
Comes Bar	-	-	-	-	-	-	-	-	-
Totals	10,508	63,180	6,531	11,997	2	658	368	93,247	8,642

Exhibit #1

RECORD OF CUT - SAWTIMBER  
(Separate sheet for each unit.)

Forest \_\_\_\_\_  
Working Circle Yekta  
Compartment \_\_\_\_\_

TM, RO, February 1, 1952

RO-122-R5

Exhibit #2

CUMULATIVE RECORD OF CUT - SAWTIMBER

Forest Working Circle Yreka

Total Annual Allowable Cut: 11.5" MM

TM, RO, February 1, 1952

RO-120-R5

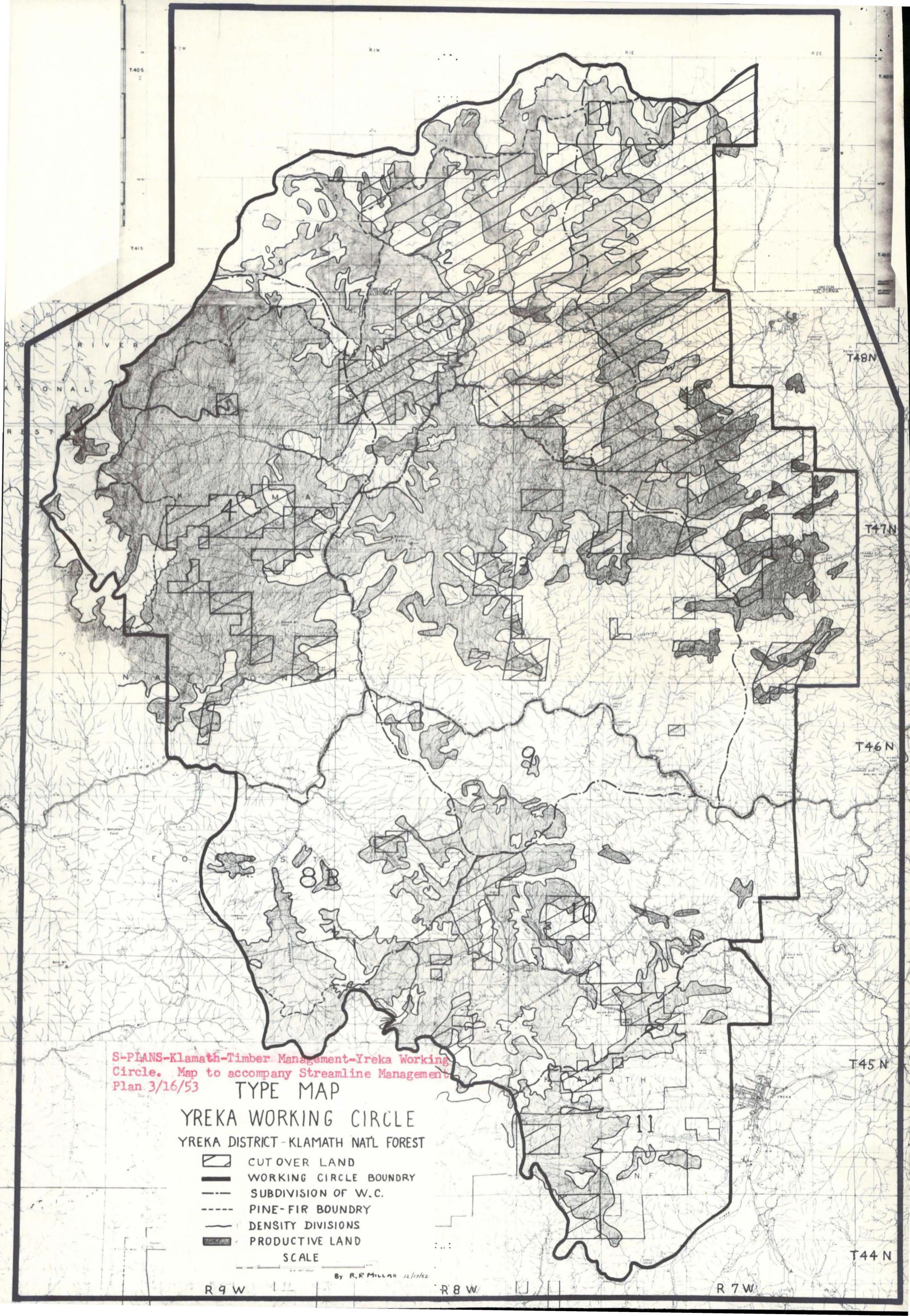
Forest \_\_\_\_\_  
Working Circle \_\_\_\_\_  
Compartment \_\_\_\_\_

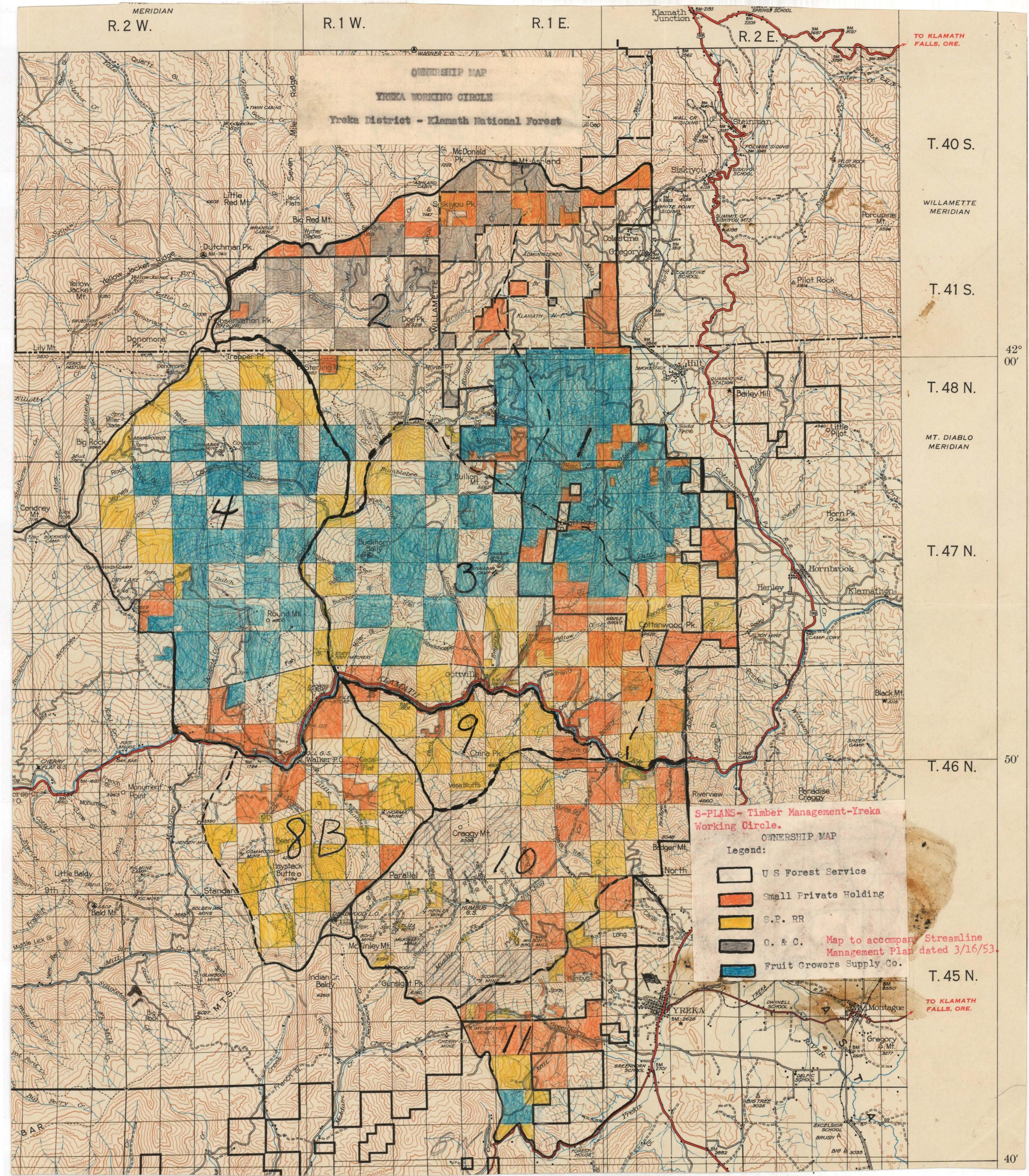
Exhibit #3

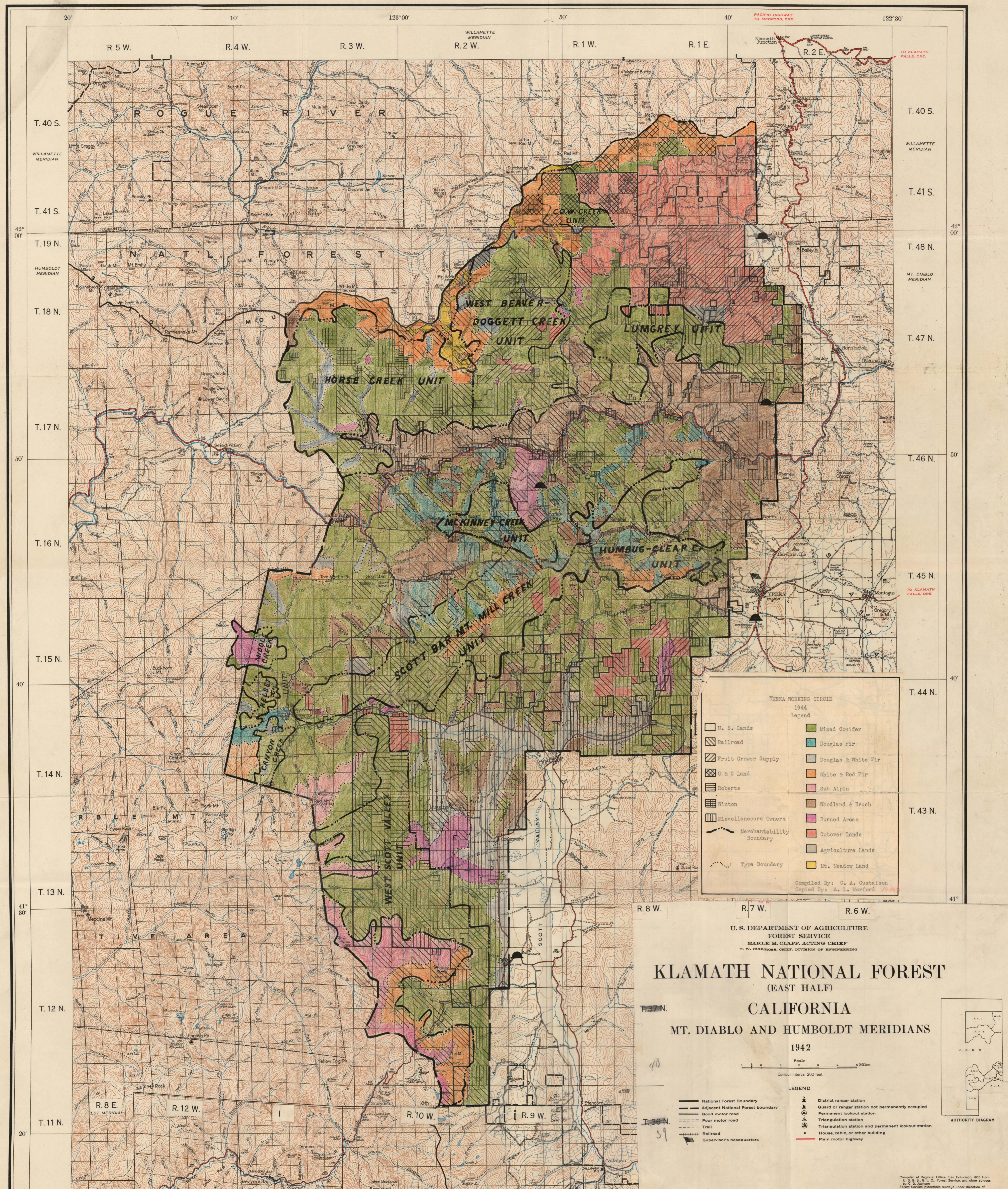
RECORD OF UNREGULATED TIMBER AND FOREST PRODUCTS CUT

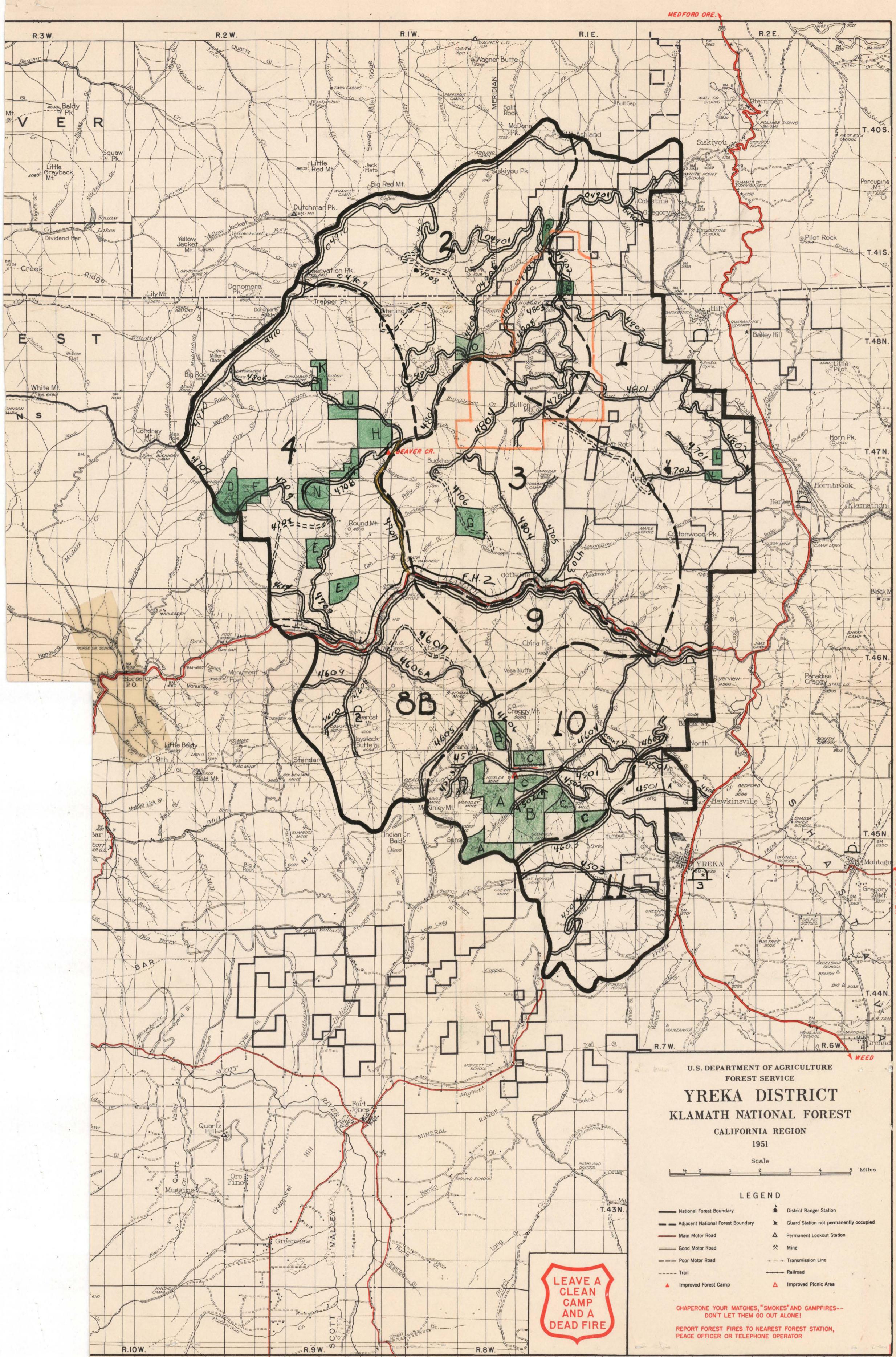
TM, RO, February 1, 1952

RO-121-R5









CUTTING BUDGET & ROAD SYSTEM

YREKA WORKING CIRCLE

KLAMATH NATIONAL FOREST

Legend

— Working Circle Boundary

— — Timber Management Unit Boundary

2 Unit Number

■ Proposed Sale Area

— Main Access Road - Existing

— — Main Access Road - Proposed

— — Secondary Access Road - Existing

— — Betterment 1953-57

— — — Secondary Access Road - Proposed

— Sawmills - 5MM or Better Annually

2 Number of Sawmills in the Area

— Sawmills - Less than 5MM Annually

— — — Marble Mt. Primitive Area Boundary

— — — Blistet Rust Control Unit

By Glenn Storms

S-PLANS-Klamath-Timber Management-Yreka Working Circle.  
Map to accompany Streamline Management Plan dated 3/16/53.

Date- February 1953